

**[12-01-05-T]**

*Units*

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[1] Tom travels from place A to place B which is a distance 800 km. He travels at a constant speed of  $100 \frac{\text{km}}{\text{hr}}$ . Write an equation that for the distance  $x$  that remains when Tom has traveled for 6 hours. Solve that equation for  $x$ .

[2] Tom travels from place A to place B which is a distance 800 km. He travels at a constant speed of  $100 \frac{\text{km}}{\text{hr}}$ . Write an equation that for the time  $t$  that he has traveled when he is precisely 200 km from B. Solve that equation for  $t$ .